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Trinity College Bulletin, 1959-1960 (Graduate Studies)

Trinity College

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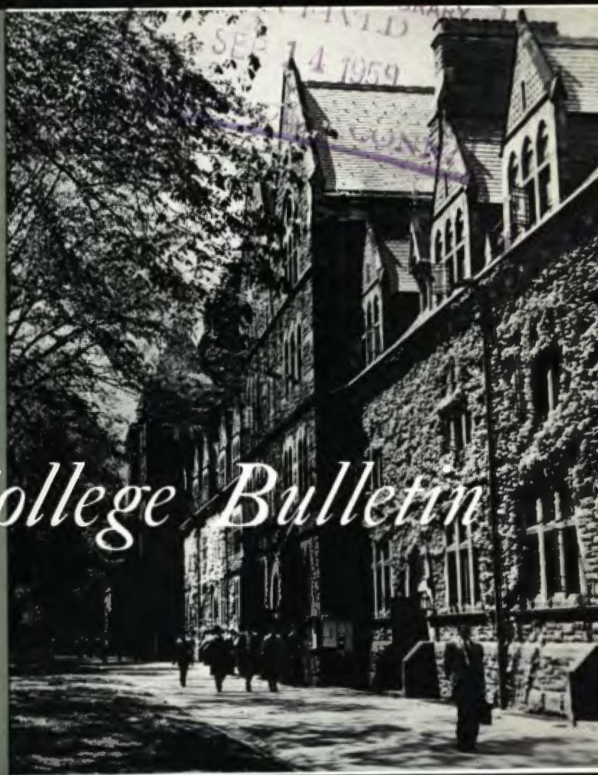
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Trinity College Bulletin

Graduate Studies 1959-1960

August 1959



CALENDAR

1959

Sept. 21, Monday	Christmas term begins
Nov. 21, Saturday	Thanksgiving vacation begins at 12:00 noon
Nov. 30, Monday	Classes resume
Dec. 19, Saturday	Christmas vacation begins at 12:00 noon

1960

Jan. 4, Monday	Classes resume
Jan. 23, Saturday *	Christmas term ends at 12:00 noon
Feb. 4, Thursday	Trinity term begins
March 23, Wednesday	Spring vacation begins at 10:00 p.m.
April 1, Friday	Final day for submittal of: 1. Theses 2. Requests for comprehensive examination 3. Application to receive Masters degree
April 4, Monday	Classes resume
May 28, Saturday *	Trinity term ends at 12:00 noon
June 12, Sunday	One Hundred Thirty-fourth Commencement
June 27, Monday	Summer School begins

* Final examinations in courses requiring them will be administered during the final week of each term.

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Catalogue No. 205

TRINITY COLLEGE
Hartford 6, Connecticut

MATHEMATICS COURSES 1959-1960

Please use this listing as a supplement to and
correction of the Catalogue of Graduate Studies.

- Mathematics 500: Advanced Calculus - Christmas Term, Tuesday and Thursday,
7:00-8:15. Boardman Hall 211. Mr. Blake.
- Mathematics 500: Advanced Calculus - Trinity Term, Tuesday and Thursday,
7:00-8:15. Boardman Hall 211. Mr. Blake.
- Mathematics 503: Theory of Functions of a Real Variable I - Christmas Term,
Tuesday and Thursday, 7:00-8:15. Boardman Hall 213. Mr.
Ahlberg.
- Mathematics 504: Theory of Functions of a Real Variable II - Trinity Term,
Tuesday and Thursday, 7:00-8:15. Boardman Hall 213. Mr.
Ahlberg.
- Mathematics 505: Theory of Probability - Christmas Term, Wednesday.
Boardman Hall 212. Mr. Williams.
- Mathematics 506: Mathematical Statistics - Trinity Term, Wednesday.
Boardman Hall 212. Mr. Williams.
- Mathematics 507: Theory of Functions of a Complex Variable I - Christmas
Term, Tuesday and Thursday, 7:00-8:15. Boardman Hall 212.
Mr. Hoffman.
- Mathematics 508: Theory of Functions of a Complex Variable II - Trinity
Term, Tuesday and Thursday, 7:00-8:15. Boardman Hall 212.
Mr. Hoffman.
- Mathematics 509: Numerical Mathematical Analysis and Machine Methods I -
Christmas Term, Wednesday 7:00-10:00 p.m. and Saturday
8:30-12:00 a.m. Boardman Hall 214. Mr. Ramshaw.
- Mathematics 510: Numerical Mathematical Analysis and Machine Methods II -
Trinity Term, Wednesday 7:00-10:00 p.m. and Saturday
8:30-12:00 a.m. Boardman Hall 214. Mr. Ramshaw.
- Mathematics 514: Symbolic Logic - Christmas Term, Tuesday and Thursday,
7:00-8:15. Boardman Hall 214. Mr. Poliferno.
- Mathematics 515: Introduction to Modern Algebra - Trinity Term, Tuesday
and Thursday, 7:00-8:15. Boardman Hall 214. Mr. Stewart.



Graduate Studies at Trinity College

AMONG the many problems facing American education none is more important than the problem of graduate education. Contemporary culture, constantly increasing in complexity, needs a constantly increasing number of individuals whose education has extended beyond the Bachelor's degree. Unfortunately, the proportion of the population free to engage in graduate study to the exclusion of all other activity is likely to increase little if at all. Society's need for individuals with graduate education must be met in other ways.

A partial solution to this need is provision for further scholarly development of talented men and women who because of financial or family or professional obligations cannot expect ever to engage in full-time graduate study. There are many men and women who are willing to devote much of their leisure time to study and whose ability, previous education and experience, and strong professional or personal motivation insure that the quality of their academic performance will be excellent. For such persons Trinity College has since 1927 offered a program of evening graduate study.

Trinity recognizes that neither society nor the individual is served if an advanced degree earned in part-time study represents a smaller achievement in learning than the same degree earned in full-time study. The conditions under which graduate study can be satisfactorily pursued by persons who must be primarily engaged in other activities are not easily supplied. As a result of its considerable experience with part-time graduate study Trinity has concluded that the following conditions enable graduate students to progress toward a Master's degree which will represent superior accomplishment: *first*, a limited enroll-

ment of students who are capable, mature, highly motivated; *second*, a Faculty of scholar-teachers; *third*, courses which meet for the longest possible time consistent with the efficient use of the student's necessarily limited time; *fourth*, small classes which meet at the College; *fifth*, excellent library facilities; *sixth*, encouragement of independent research; *seventh*, careful counseling of students to undertake in any semester no more courses than they can complete to the best of their ability. Trinity's provision for each of these requisites will be explained in the pages which follow.

Trinity is a liberal arts college. It recognizes that the distinction between professional and non-professional courses at any level is arbitrary and artificial. A freshman course in chemistry is a professional course if the student becomes a chemist, and the Doctor of Philosophy degree is a professional degree for the teacher of history. At the same time the College is convinced that instruction which concentrates on the specific characteristics of a profession does not prepare the student for more than the immediate future or for problems as yet unanticipated. A liberal arts college maintains that personal and professional development will follow graduate study which provides a basic understanding of one or more of the fundamental fields of knowledge. Such understanding then enables the individual to find for himself solutions to problems which face him, now or in the future. This is the point of view of graduate study at Trinity College.

THE LIBRARY

Graduate study is possible only where there is a fine library. Trinity's collection of almost 400,000 volumes and 100,000 pamphlets, housed in a modern structure embodying the latest in library construction theory and method, provides exceptional opportunities for graduate study. The library adds approximately 5,000 volumes per year and subscribes to over 450 current periodicals.

Seminar classes meet in the library's seminar rooms, close by the volumes they utilize. Early in the Christmas term the Librarian and his staff will provide without charge instruction in the use of the library in connection with term papers and theses. All entering graduate students should attend this series of meetings. Notices of the time and subject of each meeting will be posted.

STUDENTS

Although undergraduate degrees at Trinity are limited to men, graduate study is open to both men and women.

Normally, students should apply for candidacy for the Master's degree (see below). However, qualified college graduates will be permitted to enter certain courses even though they have not matriculated. These students must provide prior to the end of the fourth week of classes in their first term of attendance a transcript of their undergraduate record. They should seek the advice of the Dean of Graduate Studies regarding their choice of courses.

No student who is employed on a full-time basis, whether or not a candidate for the Master's degree, may in his first term of study at Trinity register for more than one half-course. In subsequent semesters a limit of two half-courses is imposed. This rule was established to protect students who might undertake more work than they can accomplish successfully. Students will find that each course requires a large amount of reading at home or in the library, and almost all courses will include the preparation of a term paper or report. The Dean of Graduate Studies is empowered to permit students employed less than full-time to enroll in more than one course during their first term.

CANDIDACY FOR THE MASTER'S DEGREE

Students who expect to work toward a Master's degree and students who are seriously considering study toward this degree are urged to apply as early as possible for matriculation as candidates for the degree. There are two advantages to application prior to, or soon after beginning, graduate study: 1. if the application is not approved the student will be spared the cost of tuition for courses which will not be credited toward a degree; 2. if the application is approved the student can be properly advised on a program of study.

Applicants are expected to hold a Bachelor's degree from an accredited college. Recent graduates should have earned an average of B (80) in all undergraduate courses. Less emphasis is placed on the undergraduate standing of applicants whose undergraduate study was completed several years ago, but the professional experience and interests of such applicants will be carefully weighed. All applicants should have a considerable background in the liberal arts and all should have attained facility in the use of English. In certain cases applicants may be asked to

submit the results of the Graduate Record Examination or of other examinations. An interview with the Dean of Graduate Studies or the appropriate departmental representative is required after all data pertinent to the application have been assembled.

Application forms may be obtained from the office of graduate studies. Applications which are completed (application form, transcript and interview) by April 1 will be considered prior to May 1. Applications completed by November 1 will be considered prior to December 1.

DEGREE REQUIREMENTS

A course, identified by a hyphenated number (651-652 for example), is defined as a unit of study for which six or eight hours of credit are awarded. A half course, identified by a single number (501 for example) carries three or four semester hours of credit.

To receive the Master's degree the candidate must complete a minimum of ten half courses or the equivalent in full and half-courses at the graduate level with satisfactory grades (see GRAD-ING). The candidate must demonstrate proficiency in whatever language, if any, his major department specifies. Under certain conditions as many as two half-courses (six semester hours) from another graduate school will be credited toward the requirements for the Master's degree at Trinity. All degree requirements, including departmental requirements described in this bulletin under the name of each department, must be fulfilled within a period of six years.

A thesis is required of all candidates in economics, English, history and philosophy and of some candidates in education and government. Normally the thesis is the final project undertaken for completion of degree requirements. When a student has chosen a tentative topic he is assigned to a thesis adviser by the Dean of Graduate Studies. After the student has met with his thesis adviser and has submitted to that adviser a satisfactory plan and outline for his project the thesis adviser will write a letter of approval of the project. This written approval will be submitted to the Graduate Office as the basis for registration in course 651-652 of the major department.

The student will confer with the thesis adviser as frequently as necessary during investigation and writing of the project. The completed thesis, in a form approved by the adviser and to which

no essential change (including grammar, punctuation and typography) is contemplated must be submitted to the Graduate Office not later than April 1 of the year in which the candidate expects to receive the Master's degree.

A typewritten original and a carbon copy, both on a sturdy bond paper and bound in black spring binders, are required. The original, if approved, will be deposited in the Trinity College Library and the copy will be returned to the student. In general the Turabian edition of the University of Chicago style manual will be used as a guide to style. On approval of the thesis the candidate will be awarded credit for one course (six semester hours).

If the major department specifies that the candidate will take a comprehensive examination in lieu of a thesis the candidate must submit in writing to the Graduate Office prior to April 1 of the year in which he expects to receive the degree a request for the examination. The examination will be scheduled at the convenience of the department in April or May. If the student fails the examination a second and final examination may be requested for administration not earlier than six months after the initial examination. No hours of credit are awarded for the examination.

By April 1 prior to the Commencement at which the student expects to receive his degree he must file an application for conferral of the degree. A form for this purpose will be provided by the Graduate Office on request.

SIXTH YEAR FOR TEACHERS

Programs of study fitted to individual needs are available to teachers who have earned the Bachelor's and Master's degrees. Each program will be planned in conference by the graduate student and the Dean, and certification of satisfactory performance will be furnished at the conclusion of study to whatever authorities the student designates.

GRADING

Students will receive a grade at the end of each course and on their thesis or comprehensive examination. The grades are:

Distinction — High Pass — Pass — Low Pass — Failure

Whenever any candidate for the Master's degree has received two grades of failure or low pass or one of each his candidacy will be reconsidered by the Committee on Graduate Studies.

NON-CREDIT ATTENDANCE

Persons who do not wish to receive credit for specific courses may, with permission of the Dean of Graduate Studies, audit courses. They will receive no credit and no grade, but a record of their attendance will be made. They need not always fulfill the prerequisites of the course, and are not required to take examinations. The charge will be the same as if the course were taken for credit.

Graduate students who have been accepted as candidates for the Master's degree at Trinity College and who have completed or are currently enrolled in six semester hours of graduate courses will be allowed to audit without charge a total of six semester hours of courses. This privilege is without time limit; the courses may be audited prior to or after the completion of the degree requirements. In each case, however, permission to audit must be obtained from the Dean of Graduate Studies.

REGISTRATION

Students may register by mail on the form inserted in this catalogue, or they may come to the Graduate Office. This office will be open Monday through Friday from 9:00 a.m. to 5:00 p.m. In addition, the Dean will meet students by appointment Monday evenings between 6:30 and 8:00 when the College is in session, and on other evenings prior to the beginning of each term.

All courses are limited in size. Students will be enrolled in each course in the order in which their registration cards are received.

It is each student's responsibility to determine his eligibility to enroll in a specific course. A student is not eligible for credit in a course for which he has not completed the prerequisites. No registration will be accepted after the second meeting of each class, nor will changes be permitted after this day.

COSTS

Tuition charges are determined on the basis of the number of *courses* and *half-courses* for which the student enrolls. A *course*, identified by a hyphenated number, 651-652 for example, is defined as a unit of study for which either six or eight semester hours of credit is awarded. A *half-course*, identified by a single number, 501 for example, carries three or four semester hours

of credit. Graduate students should note the statement pertaining to them under the heading, NON-CREDIT ATTENDANCE.

Tuition Charges

	<i>Half-Course</i>	<i>Course</i>
Graduate Students	\$ 75	\$150
Undergraduate Students	\$100	\$200

Full payment of tuition must accompany registration for each semester. Registration for the first semester will be accepted from the date of publication of this catalogue until the beginning of classes. Registration for the second semester will be accepted from January 1 until the beginning of classes in that semester.

Each student will fill out at registration a double card. Half of this card is to be used for course registration; the other half will bear information regarding the payment of tuition. Students are asked to fill out the two sections carefully.

It is imperative that students select courses carefully and that they undertake no study for which they are inadequately prepared or which they may be unable to complete. Only in cases of withdrawal made necessary by such unexpected causes as sickness or call to military service will refunds of tuition be made. Such refunds will be made in accordance with this schedule: three-fourths tuition for withdrawal prior to the second week of classes, one-half prior to the third week, one-fourth prior to the seventh week, no refund in any case after the seventh week.

Withdrawal is not accomplished by failure to attend classes or by notification of the instructor. Withdrawal will be recognized only when reported by the student to the Graduate Office.

Additional fees, as noted in the description of courses, are payable in the same manner as tuition.

FELLOWSHIPS

A limited number of fellowships are available to graduate students. Information regarding these may be obtained from the Office of Graduate Studies.

Faculty

ALBERT CHARLES JACOBS, LL.D.	<i>President</i>
ROBERT MAIER VOGEL, ED.D.	<i>Dean of Graduate Studies</i>
EVELYN MARGARET ANDERSEN, B.S.	<i>Administrative Assistant</i>

MYRON GEORGE ANDERSON, PH.D.	<i>Instructor in Philosophy</i>
GUSTAVE WILLIAM ANDRIAN, PH.D.	
	<i>Associate Professor of Romance Languages</i>
PHILIP CHARLES FARWELL BANKWITZ, PH.D.	
	<i>Assistant Professor of History</i>
ROBERT ALDEN BATTIS, PH.D.	<i>Assistant Professor of Economics</i>
KENNETH WALTER CAMERON, PH.D.	<i>Associate Professor of English</i>
ALAN CASSELS, M.A.	<i>Instructor in History</i>
EDMOND LABEAUME CHERBONNIER, PH.D.	<i>Professor of Religion</i>
FRANK WOODBRIDGE CONSTANT, PH.D.	<i>Professor of Physics</i>
ANDREW PETER DEBICKI, B.A.	<i>Instructor in Romance Languages</i>
NORTON DOWNS, PH.D.	<i>Associate Professor of History</i>
LEROY DUNN, PH.D.	<i>Assistant Professor of Economics</i>
DONALD BROWN ENGLE, M.S.	<i>Librarian</i>
JUAN ESTARELLAS, PH.D.	<i>Assistant Professor of Education</i>
VERNON LEROY FERWERDA, PH.D.	
	<i>Associate Professor of Government</i>
FREDERICK LANDIS GWYNN, PH.D.	<i>Professor of English</i>
DONALD LAYTON HERDMAN, PH.D.	<i>Associate Professor of Education</i>
PHILIP KINTNER, PH.D.	<i>Instructor in History</i>
PAUL WINTER KURTZ, PH.D.	<i>Associate Professor of Philosophy</i>
THEODOR MARCUS MAUCH, TH.D.	<i>Assistant Professor of Religion</i>
JOHN BARD McNULTY, PH.D.	<i>Associate Professor of English</i>
BLANCHARD WILLIAM MEANS, PH.D.	<i>Professor of Philosophy</i>
RICHARD KNOWLES MORRIS, PH.D.	<i>Associate Professor of Education</i>
REX CHARLTON NEAVERSON, PH.D.	
	<i>Assistant Professor of Government</i>
GEORGE EMORY NICHOLS, M.F.A.	<i>Assistant Professor of English</i>
JACK N. X. OANH, PH.D.	<i>Associate Professor of Economics</i>
MARIO JOSEPH POLIFERNO, PH.D.	<i>Assistant Professor of Mathematics</i>
JAMES LAIN POTTER, PH.D.	<i>Assistant Professor of English</i>
NATHANIEL STONE PRESTON, M.A.	<i>Instructor in Government</i>
RICHARD SCHEUCH, PH.D.	<i>Associate Professor of Economics</i>

ROBERT CLARENCE STEWART, M.A.

Assistant Professor of Mathematics

DANIEL GARRISON BRINTON THOMPSON, PH.D. *Professor of History*

LAWRENCE RICHARD TOWLE, PH.D. *Professor of Economics*

RANDALL WILLIAM TUCKER, M.B.A.

Associate Professor of Economics

GLENN WEAVER, PH.D.

Assistant Professor of History

JOHN FREDERICK WILD, PH.D.

Assistant Professor of Physics

VISITING FACULTY

JOHN HAROLD AHLBERG, PH.D.

Mathematics

KARL JOSEPH BERG, M.S.

Mathematics

ROBERT FRANKLIN McCUNE, PH.D.

Physics

JON ORMOND NEWMAN, LL.B.

Government

WALTER ARTHUR RAMSHAW, M.A.

Mathematics

JOHN NEWTON WILLIAMS, M.A.

Mathematics



Courses of Instruction

Except as noted each course will meet once a week and will carry credit of three semester hours.

Classes will begin at seven in the evening and will end no later than ten. During this period of three hours instructors will at their discretion provide a recess no longer than thirty minutes.

The first semester, September to January, is known as the Christmas Term; and the second semester, February to June, is known as the Trinity Term.

ANTHROPOLOGY

The courses in anthropology are of general interest and are particularly recommended for certain students majoring in education, history or philosophy. No degree program is available.

COURSES AVAILABLE IN OTHER YEARS

505: **Physical Anthropology**

506: **Cultural Anthropology**

ECONOMICS

The Master of Arts degree with a major in economics is designed primarily for those men and women in business or government who desire advanced work in economics. The degree program is appropriate, too, as a first stage in the graduate work of those who plan to continue later toward the Doctor's degree.

All students will be required to pass with a satisfactory grade Economics 501 and 502, which are normally prerequisite to all other courses in the Department except Economics 515. Students with a strong background in economics may be permitted to elect two half courses, to be approved by the Department, in a related field. Advice on a complete program of study may be obtained from the Dean of Graduate Studies or from any member of the Department.

In addition, every candidate must pass with a satisfactory grade Economics 651-652: Thesis. The writing of the thesis should ordinarily not be undertaken until the course work for the degree has been completed, but exceptions to this requirement may be made in unusual cases. Before a candidate begins work on his thesis, written approval of the proposed subject must be obtained from that member of the Department who is to supervise the thesis. An acceptable outline should be submitted at the earliest possible date, and the completed thesis must be submitted not later than April 1 of the year in which the candidate expects to receive his degree.

COURSES OFFERED IN 1959-1960

ECONOMICS 500: Economic Principles and Policies – September – May, Wednesday, 7:30-9:00, every week, beginning September 30. The application of economic principles to contemporary economic problems. Nature of economics; economic decisions; production of wealth; analysis and determination of the national income; money and financial institutions; causes and control of the business cycle; pricing and the allocation of productive resources; distribution of income; international economics; economic growth.

This course may be taken for graduate credit, but will not be credited to the requirements for the Master's degree in economics. It is designed for those who have not previously studied economics and for those who wish to refresh their understanding of basic economics. — Seabury Hall 16. Messrs. Towle, Scheuch, Tucker, Oanh, Dunn and Battis.

ECONOMICS 501: Modern Economic Theory: National Income Analysis — Christmas term, Tuesday. National income and its measurement; national income accounting, the theory of income determination; general equilibrium analysis; elements of input-output analysis; an introduction to economic planning; the theory of income distribution. Prerequisite: a recent course in the principles of economics or Economics 500. — Seabury Hall 14. Mr. Oanh.

ECONOMICS 502: Modern Economic Theory: Price Theory — Trinity term, Tuesday. The price system and resource allocation; the theory of demand; production and cost analysis; pricing policies of business firms and market structures; an introduction to the theory of games; elements of linear programming. Prerequisite: Economics 501. — Seabury Hall 14. Mr. Oanh.

ECONOMICS 561: Statistics for Economics — Christmas term, Tuesday. Nature and importance of statistics; collection and sources of data; tabular and graphic presentation of data; ratios; fundamentals of index number construction; the frequency distribution; measure of central tendency and of variability; theory of the normal curve; sampling theory; times series analysis, including some reference to the work of the National Bureau of Economic Research; simple linear correlation; contemporary developments in statistical theory. A course designed for those who have had no previous work in statistics. Students who have had a course in statistics and need qualitative credit in order to enter advanced courses will receive such credit upon passing a special examination in elementary statistical concepts. — Williams Memorial 301. Mr. Scheuch.

ECONOMICS 581: Government and Industry — Trinity term, Tuesday. An intensive study of the public interest aspects of modern industrial regulation and control: the role of government in regulating and controlling economic activity; theories of control; regulation of trusts, public utilities, and railroads; the regulation of business practices through administrative commissions; recent issues of public control and regulation. — Seabury Hall 16. Mr. Battis.

ECONOMICS 591: Survey of Economic Thought — Christmas term, Monday. A chronological study of economic thought, with emphasis on the development of the main divisions of economic analysis. The period covered will be from the Greek beginnings to the middle of the 19th century. — Library Seminar Room 1. Mr. Dunn.

ECONOMICS 592: Survey of Economic Thought — Trinity term, Monday. A continuation of Economics 591. The period covered will be from the middle of the 19th century to the present day. — Library Seminar Room 1. Mr. Dunn.

ECONOMICS 651-652: Thesis — Christmas and Trinity terms. Conference hours by appointment. Six semester hours. Investigation and report of an original research project. See Degree Requirements, page 4. — Mr. Towle and staff.

COURSES AVAILABLE IN OTHER YEARS

- 511 and 512: Money and Banking
- 515 and 516: Accounting
- 521: Economic History of Western Europe
- 522: Economic History of the United States
- 531: Labor Problems
- 532: Labor Relations
- 541 and 542: Public Finance
- 551: International Economics
- 585: Corporation Finance

EDUCATION

Graduate study in education is broadly conceived by the Department as providing course offerings of value and interest for (a) elementary and secondary school teachers in service, (b) prospective secondary school teachers, (c) individuals in other occupations whose work is educational in character, and (d) those persons, not professionally concerned with education, who desire to achieve a better understanding of the problems currently facing public and independent schools.

The Department has held the number of highly specialized courses to a minimum. It believes that an understanding of the history, philosophy, and psychology of education is fundamental to the formulation of sound judgments on the specific issues in education today. Many of the courses are pertinent to education at all levels of instruction in both public and independent schools.

Candidates for the Master of Arts degree with a major in education must complete at least six half-courses within the Department. The remaining four or more half-courses required for the degree may be elected in education or, with the permission of the Department, in other subject areas which will serve best the interests of the individual. A thesis is required of the majority of candidates, but a student may elect two half-courses and a comprehensive examination in lieu of a thesis with permission of the chairman of the Department.

Trinity is approved for the preparation of teachers of academic subjects in public junior and senior high schools in Connecticut. Students desiring to prepare for secondary certification must be approved as candidates for the Master's degree (in education or another subject). Those interested should consult the Department concerning the details of the State requirements.

COURSES OFFERED IN 1959-1960

EDUCATION 471-472: Student Observation and Teaching — Christmas or Trinity term. May not be taken for graduate credit. Six semester hours of undergraduate credit. A laboratory course of supervised observation and teaching experience in cooperating nearby secondary schools. The student must be able to spend in the school a minimum of one-half of a secondary school day for at least eight weeks, and must ordinarily observe or teach approximately 140 school periods. Prerequisites: approval as a candidate for the Master's degree and completion of six semester hours of study in education at Trinity College. Limited to six students each term. Additional fee: ten dollars. — **Mr. Morris.**

EDUCATION 501: History of Education — Christmas term, Tuesday. A study of the basic ideas, institutions, and practices of contemporary education in light of their historic development from earliest times to the present. The student will be expected to refer, where possible, to primary sources — chiefly the writing of educational leaders — to reconstruct the history of educational thought. — **Boardman Hall 104. Mr. Morris.**

EDUCATION 502: Philosophy of Education — Trinity term, Tuesday. A systematic examination of vital philosophical issues in general educational theory. Major philosophies of education will be studied comparatively, and the student will be encouraged to construct for himself a philosophy adequate for evaluation of his subsequent professional practice. — **Boardman Hall 104. Mr. Morris.**

EDUCATION 503: Developmental Psychology — Christmas term, Monday. A study of the nature and conditions of human maturation and the learning process, including the development of motor skills, of perception, of understanding, of attitudes and ideals. — **Boardman Hall 104. Mr. Herdman.**

EDUCATION 504: Differential Psychology — Trinity term, Monday. A study of quantitative data concerning individual, group and trait differences, and of the validity and reliability of those measuring instruments through which the data are secured. — Boardman Hall 104. Mr. Herdman.

EDUCATION 507: The School and Society — Trinity term, Saturday, 9:00-12:00 a.m. A study of the school as a social institution. Data will be drawn from recent findings in anthropology, sociology and psychology. Community power structure, social class, economic status and population problems in contemporary American society will be analyzed as these impinge on school policy. — Chemistry Laboratory 106. Mr. Estarellas.

EDUCATION 508: Language, Thought and Communication — Trinity term, Wednesday. This course will consider the following areas: the importance of language in culture and national character; the problems involved in learning one's language; disturbances of language function; the significance of effective communication and its relation to sign, symbol and meaning. — Boardman Hall 104. Mr. Estarellas.

EDUCATION 521: Secondary Education I: The Child and the Curriculum — Christmas term, Wednesday. A study of the growth of American secondary schools, with emphasis on contemporary aims, curricula and teaching methods as these relate to the characteristics and needs of adolescents. — Boardman Hall 104. Mr. Estarellas.

EDUCATION 541: Educational Measurement and Evaluation — Christmas term, Thursday. A critical examination of principles involved in the appraisal of human behavior, with emphasis upon the construction of tests for specific purposes, the use of standard group achievement and aptitude tests, and simple statistical methods involved in the interpretation of test results. — Boardman Hall 104. Mr. Herdman.

EDUCATION 600: Problems in Education — Trinity term, Thursday. A study, through broad reading and group discussion, of basic contemporary educational problems, involving aims, functions and agencies. — Boardman Hall 104. Mr. Herdman.

EDUCATION 602: Seminar: Comparative Education — Christmas term, Saturday, 9:00-12:00 a.m. An analysis of the development and structure of the contemporary educational systems of a representative group of nations, including Russia, England, France and Germany. Each system will be examined in relation to its cultural setting and its influences in other countries. The pattern of education in the United States will be used as a basis of comparison of all systems considered. — Chemistry Laboratory 106. Mr. Estarellas.

EDUCATION 651-652: Thesis — Christmas and Trinity terms. Conference hours by appointment. Six semester hours. The preparation of a comprehensive paper representing an original solution to a clearly-defined, significant educational problem. See Degree Requirements, page 4. — Mr. Herdman and staff.

COURSES AVAILABLE IN OTHER YEARS

509: History of Higher Education in the United States

522: Secondary Education II: School Organization and Administration

542: Remedial Reading

601, 602: **Seminars.** The seminars will deal from time to time with such topics as developmental reading, school law, science and education, the teaching of specific subjects, and special important problems in education.

Courses in many departments will be of interest to students majoring in education. Special attention should be given to course offerings in anthropology and philosophy.

ENGLISH

Persons who have read extensively, or who write, frequently wish to develop their critical competency or their facility in expression through guided practice. Graduate courses in English provide such an opportunity.

Those who elect courses in English and those who apply for candidacy for the Master of Arts degree with a major in English should have completed with honor grades at least three full year courses in English as undergraduates. In addition, candidates for the Master's degree should have a reading knowledge of one foreign language.

There is no prescribed curriculum for the Master's degree. Each student's program of study is determined individually. In many cases the most logical program consists of those courses which will treat periods or subjects omitted in the student's undergraduate preparation. It is also possible to construct certain concentrated programs: dramatic literature, poetry, American literature, etc.

Candidates are required to write a thesis at the conclusion of their course work. Of the eight half-courses required for the degree at least six must represent study in the English department. With permission of the Department Chairman two half-courses in related areas will be approved for students whose background in English is strong. Courses in other departments recommended to candidates in English include aesthetics, English history, linguistics, religion, and the literature of other languages.

COURSES OFFERED IN 1959-1960

ENGLISH 505: The Age of Chaucer — Christmas term, Tuesday. An introduction to the language, art, and times of Chaucer and a consideration of the masterpieces of his early and middle periods. — Seabury Hall 46. Mr. McNulty.

ENGLISH 506: The Age of Chaucer — Trinity term, Tuesday. Chaucer's later period. *The Canterbury Tales* and other great works of the Middle English period. — Seabury Hall 46. Mr. McNulty.

ENGLISH 511: The English Renaissance (17th Century) — Christmas term, Monday. Jacobean prose, including Bacon and Browne; minor epics, the school of Ben Jonson, the Metaphysicals and Cavaliers, and early Milton. — Seabury Hall 12. Mr. Potter.

ENGLISH 512: The English Renaissance (16th Century) — Trinity term, Monday. Literature of the Tudor world exclusive of the drama (Skelton through Spenser), emphasizing the rise of modern forms, continental influences, the medieval inheritance, the language, and the Elizabethan aesthetic. — Seabury Hall 12. Mr. Cameron.

ENGLISH 575: The American Renaissance (Transcendentalism) — Trinity term, Wednesday. Emerson, Thoreau, Whitman, Dickinson, and their backgrounds. The rise of American criticism. — Seabury Hall 12. Mr. Cameron.

ENGLISH 601: Seminar: Hawthorne and Melville — Christmas term, Thursday. A study of the major works, with emphasis on their structure and meaning. — Seabury Hall 16. Mr. Gwynn.

ENGLISH 601A: Seminar: Tragedy. — Christmas term, Wednesday. A study of the theory of tragedy and of major examples of tragic drama from the Greek period to the present time. — Seabury Hall 12. Mr. Nichols.

ENGLISH 602: Seminar: James and Faulkner — Trinity term, Thursday. A study of the major works, with emphasis on their structure and meaning. — Seabury Hall 16. Mr. Gwynn.

COURSES AVAILABLE IN OTHER YEARS

501: Development of the English Language

511: Seventeenth Century

513 and 514: Shakespeare

531: The Age of Pope

532: The Age of Johnson

551 and 552: Contemporary Poetry and Prose

561: Drama to 1642

562: Drama after 1642

564: Modern American Fiction

581: Literary Composition

582: The Writing of Poetry

583: The Writing of Fiction

584: Advanced Exposition

601, 602: Seminars. The seminars (concentrated studies of restricted topics involving research on the part of the instructor and students alike) will deal with such subjects as (1) a seminal work (e.g., *Hamlet*, *The Waste Land*, *Ulysses*), (2) a major writer or writers, (3) a limited historical period, (4) the nature of a genre (e.g., tragedy, the epic, naturalistic fiction), or (5) an approach to literature (e.g., criticism, myth, poetics, psychology).

GOVERNMENT

From its inception the program of graduate study in government has attracted public servants, especially members of the state civil service. Because the intention has been not to provide

professional training but to widen horizons and deepen understanding of the problems of government, an increasing number of candidates for the Master's degree have come from the ranks of the clergy, the law, education and other professions.

The Master of Arts degree with a major in government is based upon satisfactory completion of eight half-courses at graduate level in the field. In addition, two half-courses in related areas, normally history or economics, are required.

Government 501 and 502 are required of all candidates. However, where there is evidence of considerable undergraduate work of high caliber in the field, one or both of these courses may be omitted upon specific permission of the department chairman.

Candidates may elect to write a thesis, carrying two half-courses credit, upon an approved topic. Those not presenting a thesis shall take a written comprehensive examination during the final term of study. Such an examination shall be based upon at least two specific fields within two of the following major areas of concentration:

Political Theory and Comparative Government
American Government
International Relations

COURSES OFFERED IN 1959-1960

GOVERNMENT 501: European Government — Christmas term, **Thursday**. A study of the political systems of Great Britain, France, Germany, and the Soviet Union, designed to provide background for advanced study in political institutions. — **Seabury Hall 49. Mr. Neaverson.**

GOVERNMENT 502: American National Government — Trinity term, **Thursday**. A review and analysis of American political institutions, with emphasis on identification of recurrent problems and major trends in institutional critique. — **Seabury Hall 49. Mr. Newman.**

GOVERNMENT 511: Public Administration — Christmas term, **Monday**. Theory and practice of administration, with emphasis upon organization, personnel management, budgeting, and staff-line relations. — **Seabury Hall 44. Mr. Preston.**

GOVERNMENT 512: American State and Local Government — Trinity term, **Monday**. State, county, and municipal organization, interrelationships, and problems. — **Seabury Hall 49. Mr. Preston.**

GOVERNMENT 523: International Government — Christmas term, **Tuesday**. Structure, functions, and problems of international organization in the present century, with particular reference to the United Nations system. — **Seabury Hall 49. Mr. Ferwerda.**

GOVERNMENT 533: Communism — Trinity term, Tuesday. A study of the strategy and tactics of communism. About one third of the course will deal with the theory and development of communism; one third with Soviet Russia and the satellites of eastern Europe; one third with communism in China and south east Asia. — Seabury Hall 49. Mr. Neaverson.

GOVERNMENT 621: Independent Study — Christmas or Trinity term. Individual research on a selected topic under the guidance of a department member. — Mr. Ferwerda and staff.

GOVERNMENT 651-652: Thesis — Christmas and Trinity terms. Conference hours by appointment. Six semester hours. Investigation and report of an original research project. See Degree Requirements, page 4. — Mr. Ferwerda and staff.

COURSES AVAILABLE IN OTHER YEARS

- 513: American Parties and Politics
- 514: American Constitutional Law
- 521: International Politics
- 522: International Law
- 524: Problems of American Security
- 531: Contemporary Political Theory
- 532: Comparative Parliamentary Government
- 534: Dictatorship

HISTORY

Since the study of history provides the basis for a more thorough appreciation of man's activity in any age or geographical unit, courses in history are frequently elected by students whose primary interest is in another subject as well as by those whose major interest is history.

The Master's degree with a major in history is designed to follow an undergraduate concentration in history. Undergraduate preparation should include survey courses in ancient, European and American history. Candidates must complete at the graduate level a minimum of eight half-courses, at least six of which must be in history. Students with extensive preparation in history may be permitted by their adviser to elect two half-courses in another department. A reading knowledge of one foreign language is required. A thesis is the final project of all candidates.

COURSES OFFERED IN 1959-1960

HISTORY 515: The Italian Renaissance — Christmas term, Wednesday. The political, cultural and economic movements. — Seabury Hall 46. Mr. Kintner.

HISTORY 521: History of European International Affairs — Christmas term, Thursday. An analysis of the evolution of the European balance of power, and of war, diplomacy and statecraft from the invasion of Italy by Charles VIII to the Franco-Prussian War. A reading knowledge of French or German is required. — Seabury Hall 46. Mr. Cassels.

HISTORY 522: History of European International Affairs — Trinity term, Thursday. A continuation of History 521 from the Franco-Prussian War to the final collapse of Europe as a center of world power in 1945. A reading knowledge of French or German is required. — Seabury Hall 46. Mr. Cassels.

HISTORY 551: The Colonial Period in American History — Trinity term, Wednesday. The background and the political, economic and social history of the period. — Seabury Hall 46. Mr. Weaver.

HISTORY 601: Seminar: The Thirteenth Century — Christmas term, Tuesday. An examination of the various aspects of this century in Western Europe. Papers will be written on approved topics. — Library Seminar Room 2. Mr. Downs.

HISTORY 602: Seminar: The Thirteenth Century — Trinity term, Tuesday. See description of History 601. History 601 is not a prerequisite. Library Seminar Room 2. Mr. Downs.

HISTORY 602A: Seminar: Europe in the Twentieth Century — Trinity term, Wednesday. Analysis of and research concerning selected topics in the age of conflict, totalitarianism and nihilism in Europe. — Library Seminar Room 1. Mr. Bankwitz.

HISTORY 651-652: Thesis. Conference hours by appointment. Six semester hours. Investigation and report of an original research project. See Degree Requirements, page 4. — Mr. Thompson and staff.

COURSES AVAILABLE IN OTHER YEARS

- 505: Greece, 594 to 338 B.C.
- 506: Alexander the Great and the Hellenistic Era, 338 B.C. to 200 B.C.
- 507: The Roman Republic, 265 to 44 B.C.
- 508: The Roman Empire, 44 B.C. to A.D. 180
- 511: The Middle Ages
- 512: The Byzantine Empire and Islam
- 516: The Reformation
- 517: Europe, 1760-1870
- 525: England in the Eighteenth Century
- 526: England in the Nineteenth Century
- 531: France, 1483 to 1789
- 532: The Third French Republic
- 535: Germany, 1648 to 1870
- 536: Germany, 1871 to the Present
- 541 and 542: Russia
- 552: The Middle Atlantic States
- 553: American Sectionalism and the Civil War
- 561 and 562: The United States as a World Power
- 571: Latin America
- 575: Canada
- 601 and 602: Seminars. Varied topics.

ITALIAN

The courses in Italian literature in translation are designed particularly for students of history and of English literature. They

are made available as a part of the activity of the Cesare Barbieri Center of Italian Studies.

COURSES AVAILABLE IN OTHER YEARS

551: **Italian Renaissance Literature**
553 and 554: **Dante—The Divine Comedy**
560: **The Contemporary Italian Novel**

LINGUISTICS

The course in linguistics is of interest to teachers of English or another language and to graduate majors in English. It particularly complements English 501, Development of the English Language.

COURSE AVAILABLE IN OTHER YEARS

501: **Language**

MATHEMATICS

The Department of Mathematics offers a graduate program in mathematics which leads to the degree of Master of Science. It is designed for those who wish to supplement their training in mathematics, and broaden their mathematical background.

The degree of Master of Science in mathematics is conferred upon students who have received a Bachelor's degree with an undergraduate concentration in mathematics, and have successfully completed ten graduate half-courses in mathematics, or eight in mathematics and two in physics. The mathematics courses shall include Mathematics 503, 504 (Theory of Functions of a Real Variable I, II) and Mathematics 507, 508 (Theory of Functions of a Complex Variable I, II). A student who has not taken a course in advanced calculus will normally be required to do so, but this course will not be credited toward the Master's degree. A thesis is not required.

COURSES OFFERED IN 1959-1960

MATHEMATICS 500: Advanced Calculus — Christmas term, Wednesday. Infinite series, partial differentiation, multiple integrals, vector analysis, Fourier series, partial differential equations, with emphasis on applications to physics. Prerequisite: a course in differential equations or permission of the instructor. This course may be taken for graduate credit but will not be credited toward the requirements for the Master's degree with a major in mathematics. — Boardman Hall 211. Mr. Ahlberg.

MATHEMATICS 500: Advanced Calculus — Trinity term, Wednesday. Described above. — Boardman Hall 211. Mr. Ahlberg.

MATHEMATICS 505: Theory of Probability — Christmas term, Wednesday. Stochastic variable, axiomatic definition of mathematical probability, probability functions, density functions, joint distributions, functions of stochastic variables, moments, tests of statistical hypotheses, random sampling. Prerequisite: differential and integral calculus. — Boardman Hall 212. Mr. Williams.

MATHEMATICS 506: Mathematical Statistics — Trinity term, Wednesday. Correlation and regression, tests of statistical hypotheses, small sample distributions, analysis of variance, topics in calculus, central limit theorem, Poisson distribution, laws of large numbers. Prerequisite: Mathematics 505. — Boardman Hall 212. Mr. Williams.

MATHEMATICS 509: Numerical Mathematical Analysis and Machine Methods I — Christmas term, Wednesday 7:00-10:00 p.m. and Saturday 8:30-12:00 a.m. Four semester hours. Numerical solution of equations, interpolation, numerical integration and differentiation, finite difference methods, programming for the IBM Type 704 Electronic Data Processing Machine. Prerequisite: differential and integral calculus. — Boardman Hall 214 and United Aircraft Corporation Research Department Machine Computation Laboratory. Messrs. Ramshaw and Berg.

MATHEMATICS 510: Numerical Mathematical Analysis and Machine Methods II — Trinity term, Wednesday 7:00-10:00 p.m. and Saturday 8:30-12:00 a.m. Four semester hours. Numerical solution of differential equations, least squares polynomial approximations, Gaussian quadrature. Prerequisite: differential equations and Mathematics 509. — Boardman Hall 214 and United Aircraft Corporation Research Department Machine Computation Laboratory. Messrs. Ramshaw and Berg.

MATHEMATICS 514: Symbolic Logic — Christmas term, Tuesday and Thursday 7:00-8:30. Formal, manipulative, symbolic logic. Russell's theory of types; existence and universal quantification, material implication and equivalence; consistency. Prerequisite: differential and integral calculus. — Boardman Hall 214. Mr. Poliferno.

MATHEMATICS 515: Introduction to Modern Algebra — Trinity term, Tuesday and Thursday 7:00-8:30. A formal approach to fundamental concepts such as groups, rings, fields, together with their applications to other parts of mathematics and to physics and philosophy. Prerequisite: Advanced Calculus. — Boardman Hall 214. Mr. Stewart.

COURSES AVAILABLE IN OTHER YEARS

- 503, 504: Theory of Functions of a Real Variable
- 507, 508: Theory of Functions of a Complex Variable
- 516: Operational Calculus
- 517: Topology
- 521: Vector Analysis
- 522: Vector and Tensor Analysis
- 525 and 526: Topics from Analysis

PHILOSOPHY

Trinity's degree program in philosophy is planned, not necessarily as preparation for professional work in philosophy, but primarily to provide an opportunity for mature students to investigate the fundamental thinking of mankind. Previous undergraduate study of philosophy is not required. To qualify for the Master's degree the student must complete eight half-courses, six of which must be in philosophy, and write a thesis. No specific course or sequence of courses is required, but candidates are encouraged to seek the counsel of members of the Department in planning their program of study. Registration in courses from other departments which are to be applied toward the degree requirements in Philosophy must be approved in advance by the Dean of Graduate Studies.

COURSES OFFERED IN 1959-1960

PHILOSOPHY 531: History of Philosophy — Christmas term, Wednesday. This course will treat ancient and medieval philosophy. — Seabury Hall 14. Mr. Anderson.

PHILOSOPHY 532: History of Modern Philosophy — Trinity term, Wednesday. An historical survey of the leading philosophies in Western philosophy from Descartes to the present. — Seabury Hall 14. Mr. Anderson.

PHILOSOPHY 601: Seminar: Metaphysics and Ethics — Christmas term, Tuesday. A joint seminar with the Department of Religion. Prerequisite: permission of one of the instructors. — Library Seminar Room 1. Mr. Means and Mr. Cherbonnier.

PHILOSOPHY 602: Seminar: Theories of Values — Trinity term, Monday. Prerequisite: permission of one of the instructors. — Library Seminar Room 2. Mr. Means and Mr. Kurtz.

COURSES AVAILABLE IN OTHER YEARS

- 501: Introduction
- 502: Logic
- 508: Philosophy of Religion
- 511: Ethics
- 515: Aesthetics
- 517: Philosophies of Human Nature
- 521: Political Philosophy
- 527: Liberal and Empirical Traditions in English Thought
- 528: Philosophy in America
- 533: History of Science to 1800
- 534: History of Science, 1800 to the present
- 541: Plato
- 542: Aristotle
- 548: Systematic Philosophy: Kant and Hegel
- 552: Contemporary Problems
- 601 and 602: Seminars

PHYSICS

The program in physics leading to the Master of Science degree is designed for engineers, mathematicians and physicists in industry and others who desire further training in mathematical physics and knowledge of recent developments in the atomic field.

The courses are planned to follow an undergraduate concentration in physics and mathematics. For the degree, no one course is specifically required, and four half-courses of the ten required for the degree may, with the approval of the student's adviser, be taken in mathematics. Recommended courses in mathematics include real and complex variables, modern algebra and matrix theory, vector and tensor analysis. A thesis is not required.

COURSES OFFERED IN 1959-1960

PHYSICS 501: Introduction to Theoretical Physics — Christmas term, Tuesday. Analytical mechanics; vector analysis; statics and dynamics of particles and rigid bodies; Lagrange's and Hamilton's equations. Emphasis is placed on the fundamental hypotheses upon which physical theory is based; with the aid of analysis these fundamental principles are expressed in various mathematical forms and are applied to specific problems. The course is designed to provide a broad foundation for subsequent specialized graduate work. Prerequisite: two courses in physics and two courses in mathematics or permission of the instructor. — Jarvis Laboratory 1-1. Mr. Constant.

PHYSICS 502: Introduction to Theoretical Physics — Trinity term, Tuesday. Elastic media; elastic waves and sound; fluid dynamics; heat flow; thermodynamics; classical and quantum statistics. Prerequisite: Physics 501. Jarvis Laboratory 1-1. Mr. Constant.

PHYSICS 503: Electromagnetism — Christmas term, Monday and Wednesday, 7:00-8:15. Field theory of electromagnetism; electrostatics; dielectrics; magnetic fields of currents; magnetic materials; electromagnetic induction and Maxwell's equations; electromagnetic waves and energy flow. Jarvis Laboratory 1-1. Mr. Wild.

PHYSICS 504: Electromagnetism — Trinity term, Monday and Wednesday, 7:00-8:15. The wave equation applied to wave guides and radiation scattering; radiation from an accelerated charge. Prerequisite: Physics 503. — Jarvis Laboratory 1-1. Mr. Wild.

PHYSICS 513: Quantum Mechanics — Christmas term, Monday and Wednesday, 7:00-8:15. The physical basis of quantum mechanics. The Schrödinger wave equation; energy levels; collision theory; approximation methods. Prerequisite: a course in theoretical physics. — Jarvis Laboratory 2-1. Mr. McCune.

PHYSICS 514: Quantum Mechanics — Trinity term, Monday and Wednesday, 7:00-8:15. A continuation of Physics 513. Prerequisite: Physics 513. — Jarvis Laboratory 2-1. Mr. McCune.

COURSES AVAILABLE IN OTHER YEARS

511 and 512: Modern Physics
515: Solid State Physics
516: Nuclear Physics
601 and 602: Research

RELIGION

The courses in religion are designed for laymen of all faiths. They do not presuppose any previous academic instruction in religion.

COURSES OFFERED IN 1959-1960

RELIGION 501: Studies in the Literature and Religion of the Bible — Christmas term, Wednesday. The Old Testament. Discussion of the most important writings in their historical context, with special attention to problems and methods of interpretation. — Seabury Hall 47. Mr. Mauch.

RELIGION 502: Studies in the Literature and Religion of the Bible — Trinity term, Wednesday. The New Testament, discussed as in Religion 501. — Seabury Hall 47. Mr. Mauch.

RELIGION 601: Seminar: Metaphysics and Ethics — Christmas term, Tuesday. A joint seminar with the Department of Philosophy. Prerequisite: permission of one of the instructors. — Library Seminar Room 1. Mr. Cherbonnier and Mr. Means.

RELIGION 602: Seminar (subject to be announced) — Trinity term, Tuesday. Prerequisite: permission of the instructor. — Library Seminar Room 1. Mr. Cherbonnier.

SPANISH

COURSES OFFERED IN 1959-1960

SPANISH 511: The Contemporary Spanish Novel and Drama — Christmas term, Thursday. Prerequisite: at least three years of college Spanish. — Seabury Hall 10. Mr. Andrian.

SPANISH 512: Contemporary Latin-American Poetry and Drama — Trinity term, Thursday. Prerequisite: at least three years of college Spanish. — Seabury Hall 10. Mr. Debicki.

Masters Degrees

Conferred at the Commencement

June 14, 1959

MASTER OF ARTS

LOUIS AMARU	B.S., 1952, State Teachers College, Salem, Mass.
RICHARD BIRGE BALDAUF	B.A., 1939, Dartmouth College
CAROLE PAULA BANKS	B.S., 1954, St. Joseph College
ELIZABETH JACKSON BARKER	B.A., 1933, Stanford University
GUY BARKER	B.A., 1932, Stanford University
HENRY JOSEPH BECKER, JR.	B.A., 1954, Trinity College
RAMONA QUINN BEEKEN	B.S., 1953, New Haven State Teachers College
FRANCOISE SAINT-DOMINGUE BERNHARD	Baccalauréat, 1945, University of Paris
CAROL FLEISCHER BOSWELL	B.S., 1945, Skidmore College
HARLAND ALBERT CASS	B.A., 1951, St. Michael's College
JOEL CORMACK COHAN	B.A., 1953, College of the Holy Cross
RICHARD BERNARD CURRAN, JR.	B.A., 1957, Yale University
END O'NEIL DATH	B.S., 1941, American International College
JOHN PHILIP DONEY	B.S., 1951, University of Notre Dame
CAROLYN HAMMOND DWINNELLS	B.S., 1943, University of New Hampshire
CHARLES BENNER FERGUSON	B.A., 1941, Williams College
SEYMOUR ENOCH FREEDMAN	Rabbi, 1947, Rabbinical Academy, Brooklyn, N.Y.
ROSETTA GINSBURG FREEMAN	B.S., 1955, St. Joseph College
JOHN FRANCISCO GALLO	B.A., 1951, University of New Mexico
RICHARD CLAYTON GILLETTE	B.S., 1952, Worcester Polytechnic Institute
VICTOR IRVING HARRIS	B.A., 1933, Yale University
EDITH GREY HERBSTTRUTH	B.S., 1954, Teachers College of Connecticut
ALFRED HAROLD HOROWITZ	B.A., 1940, University of Connecticut
MARJORIE ANN KANE	B.A., 1950, St. Joseph College
ALBERT JOSIAH LEET	B.A., 1953, Boston University
KATHARINE KNOWLTON McLANE	B.A., 1927, Smith College
EDWIN DONALD MERRY	B.A., 1929, Colby College
ELLIOTT ALFRED MURRAY	B.A., 1948, M.A. (History) 1956, Trinity College
NANCY DUNN NELLEN	B.A., 1949, Wellesley College
EDWARD PETER NOLIN, JR.	
FRANCIS LEONARD PAGANI, JR.	B.S., 1952, Teachers College of Connecticut
DOROTHY ANN PALMER	B.A., 1953, Cornell University
MARIETTA ANNE PANE	B.A., 1958, Colby College
KATHRYN FRANCES PEASE	B.A., 1955, St. Joseph College
MARTHA LOUISE PETERSON	B.A., 1953, Wheaton College
MARIANNE JEAN PETRUS	B.A., 1957, St. Joseph College
MARY MARGARET RICKETSON	B.A., 1948, College of New Rochelle
IGNAZIO GIOVANNI SINAGUGLIA	B.A., 1951, Trinity College
EARL JOHN SMITH, JR.	B.A., 1950, St. Mary's University
PETER TOLIS	B.S., 1954, Teachers College of Connecticut

GLENN EARLE-FREDERIC WHITE

B.S., 1954, Teachers College of Connecticut

RICHARD WILLIAM WHITE B.S., 1957, Teachers College of Connecticut

SALLY ANN WHITTEMORE B.A., 1956, Connecticut College

EDYTHE FAITH WIENER B.S., 1950, Teachers College of Connecticut

SHERRILL HOLLAND WORRALL B.A., 1948, University of Kansas

LIBBIE DUNN ZUCKER B.A., 1932, Barnard College

MASTER OF SCIENCE

WALTER GILBERT ALWANG B.A., 1952, Harvard University

JUNE KATHRYN FLORINI B.S., 1956, University of Massachusetts

JAMES ELDER HUTCHISON, JR. B.A., 1950, Yale University

BURTON ABRAHAM LEVY B.S., 1948, University of Connecticut

WAYNE FRANCIS REICHERT B.S., 1953, Wisconsin State College, River Falls

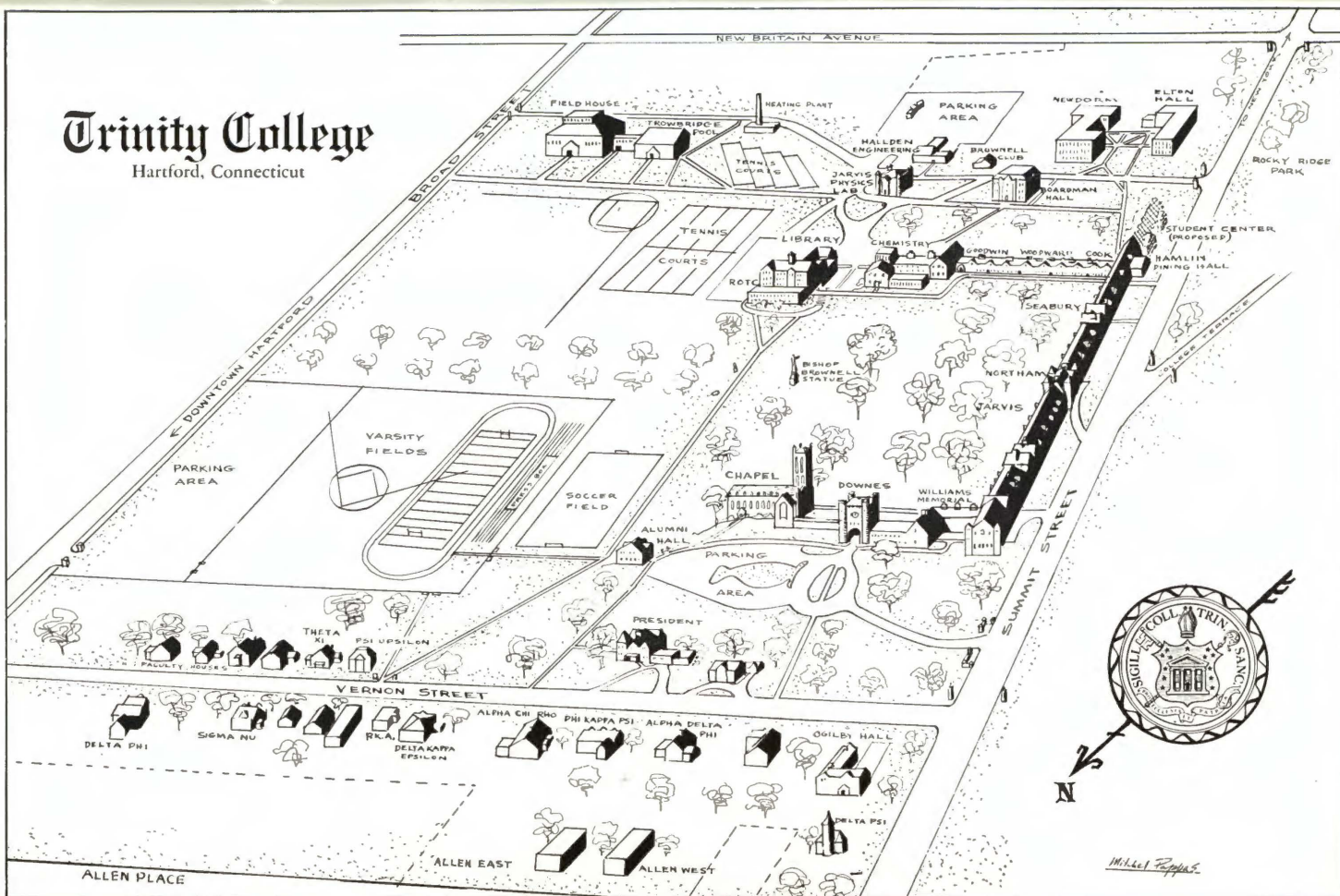
ROBERT LINCOLN TEDESCO B.A., 1951, University of Connecticut

CONDENSED SCHEDULE OF COURSES

	CHRISTMAS TERM	TRINITY TERM
Monday 7:00- 10:00 p.m.	Econ 591 Educ 503 Eng 511 Gov 511	Econ 592 Educ 504 Eng 512 Gov 512 Phil 602
Monday and Wednesday 7:00-8:15 p.m.	Phys 503 Phys 513	Phys 504 Phys 514
Tuesday 7:00- 10:00 p.m.	Econ 501 Econ 561 Educ 501 Eng 505 Gov 523 Hist 601 Phil 601 Phys 501 Rel 601	Econ 502 Econ 581 Educ 502 Eng 506 Gov 533 Hist 602 Phys 502 Rel 602
Tuesday and Thursday 7:00-8:15 p.m.	Math 514	Math 515
Wednesday 7:00- 10:00 p.m.	Econ 500 (7:30-9:00) Educ 521 Eng 601A Hist 515 Math 500 Math 505 Math 509 Phil 531 Rel 501	Econ 500 (cont) Educ 508 Eng 575 Hist 551 Hist 602A Math 500 Math 506 Math 510 Phil 532 Rel 502
Thursday 7:00- 10:00 p.m.	Educ 541 Eng 601 Gov 501 Hist 521 Span 511	Educ 600 Eng 602 Gov 502 Hist 522 Span 512
Saturday 9:00- 12:00 a.m.	Educ 602	Educ 507

Trinity College

Hartford, Connecticut



Mathematics 509 at United Aircraft Corporation Laboratory

